

Twin Ports Testing

Short Proximate

Estimated Comparative Values

Product	Test Parameter	As Received	Dry Basis
1. Eastern Coal	Moisture %	4.77	---
	BTU/lb.	13639	14323
	Ash %	5.25	5.52
	Sulfur %	0.76	0.08
2. Western Coal	Moisture %	25.67	---
	BTU/lb.	9252	12448
	Ash %	4.21	5.66
	Sulfur %	0.32	0.43
3. Raw Wood Waste	Moisture %	39.71	---
	BTU/lb.	5356	8884
	Ash %	3.16	5.25
	Sulfur %	0.05	0.09
4. Processed Wood Waste	Moisture %	10.37	---
	BTU/lb.	7447	8309
	Ash %	1.73	1.93
	Sulfur %	0.05	0.05
5. Wood Pellets	Moisture %	2.74	---
	BTU/lb.	8246	8479
	Ash %	0.43	0.44
	Sulfur %	0.01	0.01
6. Paper Pellets	Moisture %	4.04	---
	BTU/lb.	10198	10627
	Ash %	3.53	3.68
	Sulfur %	0.06	0.06
7. Peanut Hull Pellets	Moisture %	8.58	---
	BTU/lb.	7830	8565
	Ash %	3.61	3.94
	Sulfur %	0.08	0.09
8. Grain Dust Pellets	Moisture %	12.56	---
	BTU/lb.	6680	7640
	Ash %	3.73	4.26
	Sulfur %	0.09	0.11
9. Wild Rice Hulls	Moisture %	14.18	---
	BTU/lb.	7062	8229
	Ash %	4.54	5.29
	Sulfur %	0.11	0.13

All sample results are for the specific sample being analyzed and should not be assumed to be representative of similar samples. Values should be used as rough estimates of the values associated with their categories. In the case of Eastern and Western Coal samples, results may vary greatly from the above results.

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10. Alfalfa	Moisture %	12.25	---
	BTU/lb.	6934	7729
	Ash %	7.94	9.06
	Sulfur %	0.20	0.22
11. Corn-Shell	Moisture %	13.43	---
	BTU/lb.	7398	8100
	Ash %	1.17	1.23
	Sulfur %	0.10	0.13
12. Corn-High Oil	Moisture %	12.49	---
	BTU/lb.	7398	8480
	Ash %	1.17	1.34
	Sulfur %	0.10	0.11
13. Corn Stover/Stalks	Moisture %	9.14	---
	BTU/lb.	7057	7768
	Ash %	6.81	7.64
	Sulfur %	0.04	0.04
14. Dried Distillers Grain w/Solubles	Moisture %	9.27	---
	BTU/lb.	8459	9422
	Ash %	4.16	4.13
	Sulfur %	0.40	0.45
15. Oats	Moisture %	12.49	---
	BTU/lb.	7143	8242
	Ash %	3.17	3.58
	Sulfur %	0.14	0.16
16. Straw-Wheat	Moisture %	8.26	---
	BTU/lb.	6839	7375
	Ash %	10.40	11.33
	Sulfur %	0.07	0.08
17. Sugar Beet Pulp	Moisture %	9.70	---
	BTU/lb.	6597	7345
	Ash %	3.8	4.31
	Sulfur %	0.14	0.16
18. Wheat Midds	Moisture %	12.58	---
	BTU/lb.	7228	8415
	Ash %	5.18	6.00
	Sulfur %	0.15	0.17
19. Wheat	Moisture %	10.38	---
	BTU/lb.	7159	8063
	Ash %	2.08	2.28
	Sulfur %	0.20	0.22

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